



US 20200147072A1

(19) **United States**(12) **Patent Application Publication**
Leamon et al.(10) **Pub. No.: US 2020/0147072 A1**(43) **Pub. Date: May 14, 2020**(54) **FOLATE RECEPTOR BINDING
CONJUGATES OF ANTIFOLATES**

Aug. 26, 2013, now Pat. No. 9,192,682, which is a continuation of application No. 13/063,889, filed on Mar. 14, 2011, now Pat. No. 8,546,425, filed as application No. PCT/US2009/057363 on Sep. 17, 2009.

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(60) Provisional application No. 61/097,655, filed on Sep. 17, 2008.

(72) Inventors: **Christopher Paul Leamon**, West Lafayette, IN (US); **Iontcho Radoslavov Vlahov**, West Lafayette, IN (US); **Philip Stewart Low**, West Lafayette, IN (US)**Publication Classification**(51) **Int. Cl.***A61K 31/475* (2006.01)*A61K 31/517* (2006.01)*A61K 47/55* (2006.01)*C07D 487/04* (2006.01)(52) **U.S. Cl.**

CPC *A61K 31/475* (2013.01); *A61K 31/517* (2013.01); *C07D 487/04* (2013.01); *A61K 47/55* (2017.08); *A61K 47/551* (2017.08)

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(63) Continuation of application No. 15/377,844, filed on Dec. 13, 2016, now Pat. No. 10,363,250, which is a continuation of application No. 14/919,518, filed on Oct. 21, 2015, now Pat. No. 9,549,992, which is a continuation of application No. 14/010,122, filed on

(57)

ABSTRACT

Conjugates of antifolates, releasable linkers, and drugs, and pharmaceutical compositions containing them are described. The conjugates are useful for treating diseases arising from pathogenic cell populations. Methods for treating such diseases are also described.

